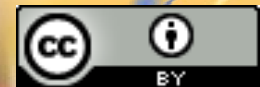


How 'open' can 'Open Education' be?

Fred Mulder

***UNESCO/ICDE Chair in OER at OUNL
(former Rector OUNL 2000 – 2010)***

Chair EADTU's OpenupEd Initiative



***'The Future of OERs and MOOCs'
@UC3M in Open Education Week
10 March 2014, Madrid (online)***



Two worlds of Higher Education



United Nations
Educational, Scientific and
Cultural Organization



• UNESCO Chair in
• Open Educational
• Resources



Open Universiteit
www.ou.nl

Higher Education: two worlds

INNOVATIVE / 'OPEN'

Open and Distance Learning / ODL
Lifelong Open Flexible / LOF learning

OUs (incl. DTUs)
Variety of Associations / Consortia

ICDE EADTU AAOU ACDE ...
Conferences Seminars Taskforces

**One
Century(+)**

CONVENTIONAL / 'CLOSED'

Classroom 'campus'-based learning
Young students & Fixed in time/place

Mainstream, wide variety in focus:
research/education, large/small, ...

IAU EUA AUAP AAU ...
Conferences Seminars Taskforces

**Many
Centuries**



Open Higher Education: two worlds

CLASSICAL / ESTABLISHED

Open and Distance Learning / ODL
Lifelong Open Flexible / LOF learning

OUs (incl. DTUs)
Variety of Associations / Consortia

ICDE EADTU AAOU ACDE
Conferences Seminars Taskforces

**One
Century(+)**

INNOVATIVE / EMERGING

Open Educational Resources / OER
Massive Open Online Courses / MOOCs

Wide variety of Initiatives
MIT OERu P2Pu edX Coursera

OCWC CC Hewlett F. OpenEd
Communities Forums Conferences

**One
Decade(+)**



What about 'Open'?



5



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What about 'Open' in the *digital world*?

Family regarding ***free online availability***:

Open ***Source***
(software)

Open ***Access***
(scientific output)

Open ***Content***
(creative output)

Open Educational Resources / OER
(learning materials)

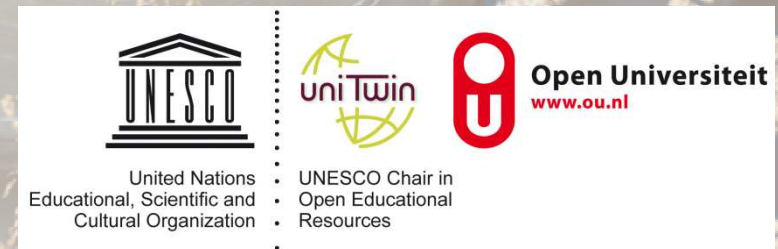


What about 'Open' in education?

Open Education

- ✓ **Open Learning** (1971 OU-UK; other OUs)
- ✓ **Open CourseWare** (2001: MIT)
- ✓ **Open Educational Resources** (2002: UNESCO => 2012)
- ✓ **Open Education** (2008: Cape Town Declaration)
- ✓ **Massive Open Online Courses** (2011: xMOOCs / 2008: cMOOCs)

Opening up Education (2013: EU)



EU: *'Opening up Education'*

> **25/9/2013 launched:** Finally but Timely <

> **Relevant and Significant** <

> **Phrasing plus Budget (2014-2020)** <

> **Broad Scope (DGs CONNECT + EAC)** <

Innovative teaching and learning for all through ICT

Reshaping/modernizing EU education through OER

Digital competencies, infrastructures, interoperability

Equity, quality, visibility, licensing, certification

> ***Concerted effort / integrated approach*** <



OuE well-chosen umbrella

Open(**ing up**) Education (OuE)
seems a subtle change to OE
but is pretty relevant ...

- > **OuE underlines the dynamics and the process** <
(there is no fixed model for education over time)
- > **OuE can adequately accommodate diversity** <
(there is no single ideal model for education)

Brings in Nuance



Open Education in Wikipedia (May 2013)

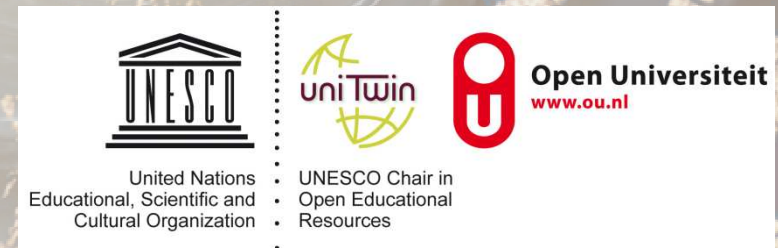
“Open education is a collective term that refers to educational organizations that seek to **eliminate barriers to entry**. Such institutions, for example, would not have academic admission requirements. Such universities include Open University in Britain and Athabasca University in Canada. Such programs are commonly **distance learning programs** like **e-learning**, **mooc** and **opencourseware**, but not necessarily.”



Open Education in Wikipedia (Mar 2014)

“Open education is a collective term to describe institutional practices and programmatic initiatives that **broaden access** to the learning and training traditionally offered through formal education systems. The qualifier “open” of open education refers to the **elimination of barriers** that can preclude both **opportunities and recognition for participation in institution-based learning**. One aspect of openness in or “opening up” education is the development and adoption of **open educational resources**.

*Institutional practices that seek to eliminate barriers to entry, for example, would not have academic admission requirements. Such universities include Open University in Britain and Athabasca University in Canada. Such programs are commonly **distance learning programs** like **e-learning**, **mooc** and **opencourseware**, but not necessarily. Where many e-learning programs are free to follow, the **costs of acquiring a certification** may be a barrier, many open education institutes offer **free certification schemes** accredited by organisations like UKAS in the UK and ANAB in the USA where others offer a **badge**.”*



What about 'Open' in OER?

*“OER are teaching, learning, and research resources that reside in the **public domain** or have been released under an intellectual property **license** that permits their **free use** and **re-purposing** by others.*

Open educational resources include full courses, course materials, modules, textbooks, streaming videos, tests, software, and any other tools, materials, or techniques used to support access to knowledge.”

(Hewlett Foundation)

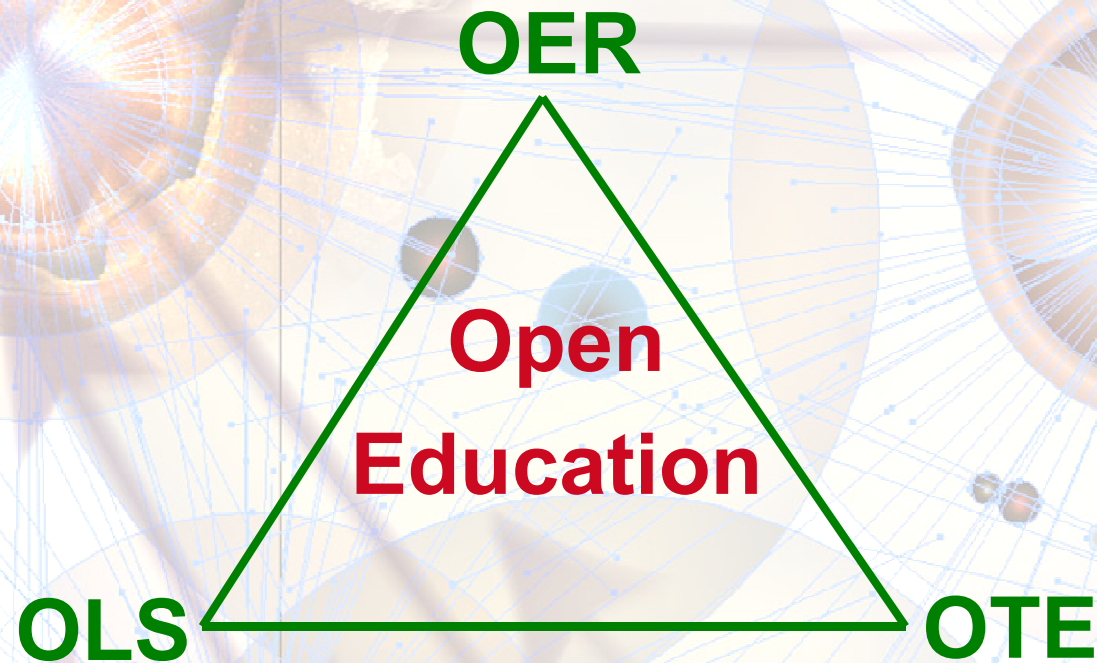


**OER is NOT
Open Education**

**more components
are required ...**



Open Education (*Supply*)



Open Learning Services (OLS)

Complementary to OER, *free or to be paid*,
and including a variety of
online and *virtual facilities* for:
tutoring, advice, meetings, communities,
teamwork, presentations, testing,
examination, consulting sources,
internet navigation, etcetera ...



Open Teaching Efforts (OTE)

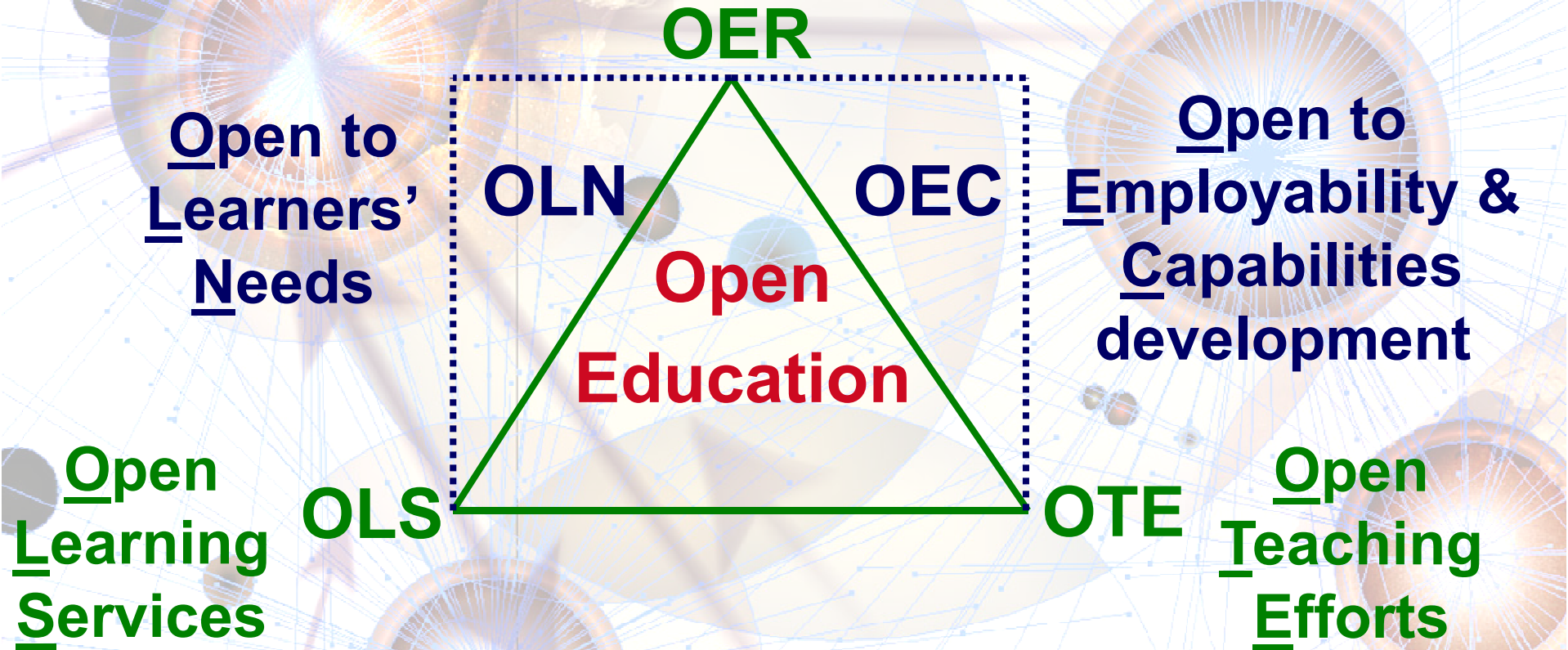
Complementary to OER and OLS, *to be paid for*,
referring to the *human contribution*
to the education provided,
the efforts of *teachers, instructors, trainers,*
developers, and support staff
in their various roles,
in a professional, *open, and flexible*
learning environment and culture.



Open Education is NOT
Supply side only
should also include
Demand side ...



Open Education (*plus Demand*)



Open to Learners' Needs (OLN)

Learners expect affordable, 'do-able',
good quality, interesting, beneficial education,
but also the 'classical' openness (OUs):
freedom of time / pace / place,
open entry, open programming,
and provisions for lifelong learning,
credentialing, smooth switching between
formal and informal learning,
etcetera ...



Open to Employability & Capabilities development (OEC)

‘Society’ expects education to suit
the changing society and labour market,
the decisive role of knowledge and innovation,
and the influence of globalization,
but also to offer scope for new skills,
critical thinking, ethics, creativity,
personal growth, and citizenship.

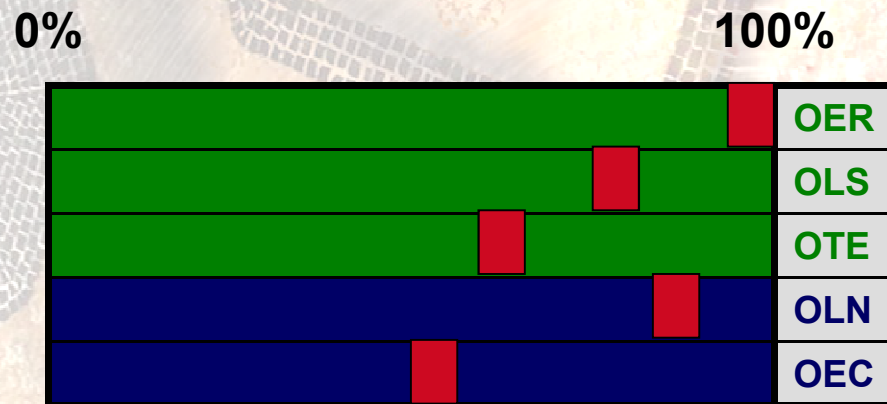


5COE Model

Profile Prints



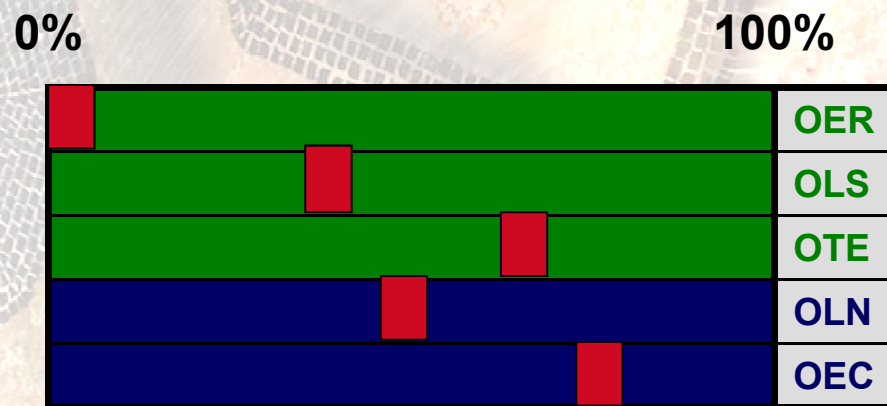
'Profile prints' in 5COE model



Example nr. 1
Institutional profile
(fully converted to OER)
in Open(ing up) Education



'Profile prints' in 5COE model

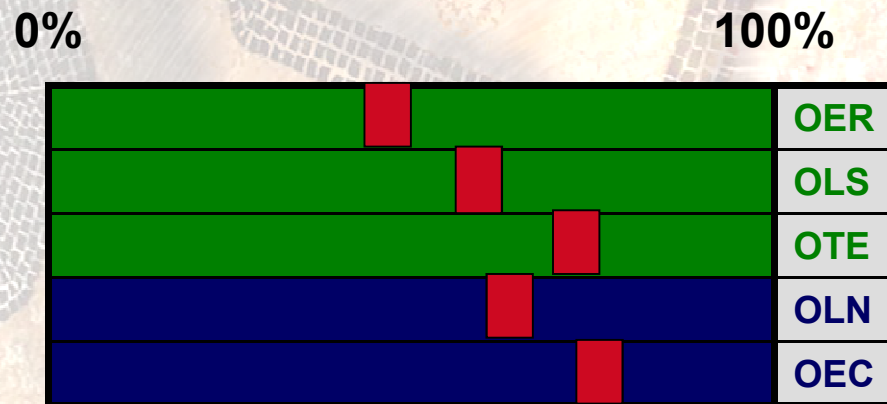


Example nr. 2

*Institutional profile
(more traditional, but ...)
in Open(ing up) Education*



'Profile prints' in 5COE model



Example nr. 3

*Institutional profile
(more traditional, but ...)
in Open(ing up) Education
in the FUTURE ...*



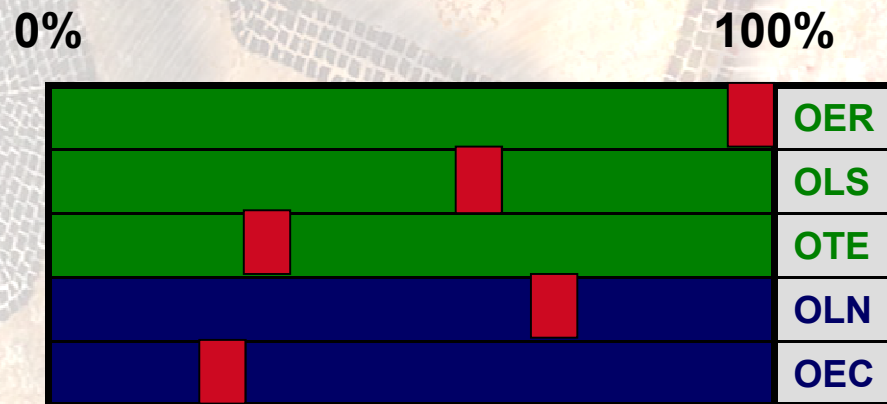
'Profile prints' in 5COE model



Example nr. 4
Typical xMOOC
as positioned
in Open(ing up) Education



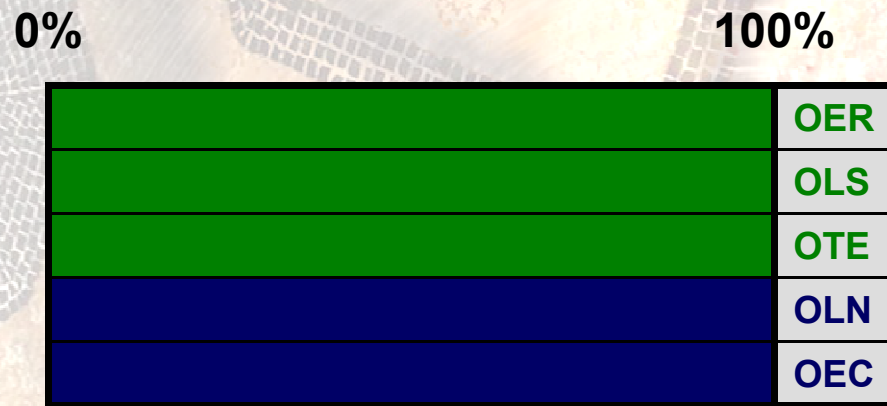
'Profile prints' in 5COE model



Example nr. 5
Typical cMOOC
as positioned
in Open(ing up) Education



'Profile prints' in 5COE model

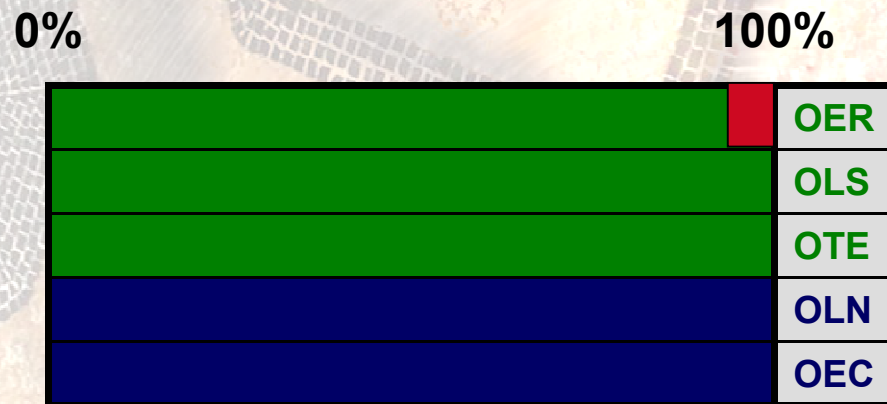


Not recommended
to have all sliders
extreme left or
extreme right

... with an exception for OER ...



No-REGRET with OER ...



Indeed **100% OER** can be **beneficial** and **proper** in all cases regardless of:

- > *institutional identity*
- > *learning philosophy*
- > *educational sector*
- > *political context*

and ... for **ALL LEARNERS!**



Concluding ...

Two distinct worlds of Open Higher Education ...

... leading to increasing competition

Fuzzy use of the terms 'Open' and 'Open Education' ...

... requiring a framework / model (5COE proposed)

More appropriate umbrella term 'Opening up Education' ...

... supporting a nuanced approach with institutional profiles

***'Open Education' can be as 'open' as you wish
along 4 components of 5COE (choose your profile),
but for OER full conversion is the way forward!***



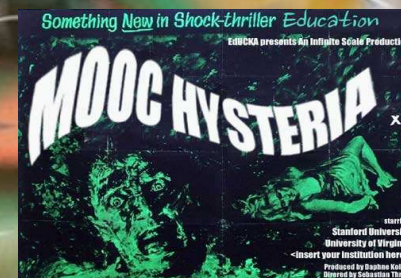
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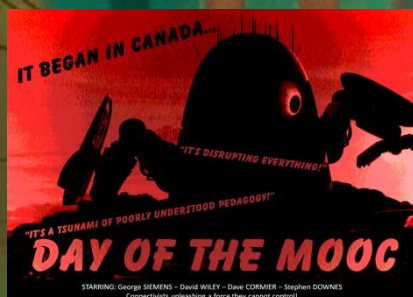
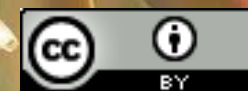
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THANK YOU!
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